create table locations(sno integer primary key,name varchar(30));

alter table location add latitude number;

alter table location add longitude number;

insert all

into locations values (1,'Home',-118.2831979,34.0297783)

into locations values (2,'Leavey Library',-118.2828846,34.0216306)

into locations values (3,'Expo/Vermont',-118.2916268,34.01824855)

into locations values (4,'Target',-118.2844037,34.02569882)

into locations values (5,'West 29th street',-118.2931817,34.0287511)

into locations values (6,'USC Bookstores',-118.2865447,34.02061586)

into locations values (7,'Doheny Library',-118.2836587,34.02013715)

into locations values (8,'Bovard Auditorium',-118.2852948,34.02112125)

into locations values (9,'Taper Hall',-118.2844504,34.02191807)

into locations values (10,'SGM',-118.2891429,34.02119179)

into locations values (11,'Cinematic Arts',-118.2876224,34.02379978)

into locations values (12,'Viterbi',-118.289687,34.02379978)

select \* from dual;

select sdo\_aggr\_convexhull (

sdoaggrtype (sdo\_geometry(2001, 4326, sdo\_point\_type(longitude,latitude,NULL), NULL, NULL),0.5))

from locations;

select name from location order by geom<-> st\_setsrid(st\_makepoint(-118.2831979,34.0297783),4326) limit 5;